



U.S. Department of Energy
Office of River Protection

P.O. Box 450
Richland, Washington 99352

02-OSR-0566

Mr. R. F. Naventi, Project Manager
Bechtel National, Inc.
2435 Stevens Center
Richland, Washington 99352

Dear Mr. Naventi:

CONTRACT NO. DE-AC27-01RV14136 – REVIEW OF BECHTEL NATIONAL, INC. (BNI)
RESPONSE TO OFFICE OF RIVER PROTECTION (ORP) ENGINEERING CONCERNS

- References:
1. BNI letter from R. F. Naventi to R. J. Schepens, ORP, "Hanford Tank Waste Treatment and Immobilization Plant – Construction Authorization Readiness in Consideration of Recent Assessments and Inspections of Engineering Activities," CNN 042775, dated October 30, 2002.
 2. ORP letter from R. J. Schepens to R. F. Naventi, BNI, "Notification of Construction Authorization Readiness Assessment and Associated Concerns," 02-OSR-0480, dated October 4, 2002.

This letter provides the results of the U.S. Department of Energy, ORP's review of BNI's response (Reference 1) to engineering concerns raised in our October 4, 2002, letter (Reference 2). The ORP conducted an inspection from November 4 through 7, 2002, of your corrective actions taken to date to address these concerns. Based on the review and inspection, ORP has conditionally concluded BNI adequately evaluated the concerns, proposed appropriate corrective actions, and is implementing them in support of the full construction authorization for the High Level Waste and Low Activity Waste facilities. The condition will be documented in the *Safety Evaluation Report for the Waste Treatment and Immobilization Plant (WTP) Construction Authorization* (ORP/OSR-2002-18), Section 6.3.2, *SRD and ISMP Acceptability and Compliance*, and will read as follows:

BNI will implement the corrective actions specified in Attachment 2, "Assessment of the Effect of Design Process Implementation Issues on Construction Authorization Readiness," to the BNI letter dated October 30, 2002. These corrective actions must be completed by the dates provided in the letter.

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Specific details of this review and inspection will be documented in inspection report A-03-OSR-RPPWTP-002. This report should be issued within approximately 30 days. If you have any questions, please contact me, or your staff may call Robert C. Barr, Safety Regulation Division, (509) 376-7851.

Sincerely,

OSR:PPC

Roy J. Schepens
Manager